

In the Claims:

In addition to the claim amendments in the substitute specification, please add the following new claims:

5. A cathode ray tube comprising:

a funnel and an integral neck extending rearward from the funnel;

an electron gun positioned within the funnel;

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terminals extending from the electron gun through the neck along an outer surface of the neck; and,

a circuit board having a socket for electrically connecting components mounted thereon, the socket being electrically connected to the components and being directly mateable with the terminals extending along the outer surface of the electron gun.

6. The cathode ray tube of claim 5 wherein the terminals extend along an outer circumferential surface of the neck.

7. The cathode ray tube of Claim 5, in which the socket has a back cover which abuts a distal end of the neck.

8. The cathode ray tube of Claim 7, in which the circuit board has a plurality of components mounted thereon, none of the components extending away from the funnel portion further than the back cover of the socket.

What is Claimed is:

1. An arrangement for coupling a cathode ray tube (CRT) to a socket which is mounted on a circuit board, said CRT having [a] an integral funnel [portion] and a neck [portion] containing an electron gun, the neck having an end, a circumferential surface and terminals [for] extending from said electron gun [being positioned] along the [side of the neck portion of said CRT] circumferential surface, said circuit board being positioned with a first side facing said funnel portion and a second side facing away from said funnel portion, said socket having [terminals] electrical contacts which engage [corresponding] the terminals on said CRT, said [socket terminals] electrical contacts being positioned on said second side of the said circuit board.
2. An arrangement as in Claim [1] 4, in which said circuit board has a plurality of components mounted thereon, none of said components extending away from said funnel [portion] further than the [rearmost portion] back cover of said socket.
3. An arrangement as in Claim 2, in which said circuit board has a plurality of components mounted on said first side.
4. An arrangement of Claim 1, in which said socket has a back cover which abuts the end of the said neck [portion].

5. A cathode ray tube comprising:

a funnel and an integral neck extending rearward from the funnel;
an electron gun positioned within the funnel;
terminals extending from the electron gun through the neck along an outer
surface of the neck; and,

a circuit board having a socket for electrically connecting components
mounted thereon, the socket being electrically connected to the components and being
directly mateable with the terminals extending along the outer surface of the electron gun.

6. The cathode ray tube of claim 5 wherein the terminals extend along an outer
circumferential surface of the neck.

7. The cathode ray tube of Claim 5, in which the socket has a back cover which
abuts a distal end of the neck.

8. The cathode ray tube of Claim 7, in which the circuit board has a plurality of
components mounted thereon, none of the components extending away from the funnel
portion further than the back cover of the socket.